Cytometer Baseline Report

Cytometer:	FACSCantoII	User:	Administrator
Cytometer Name:	FACSCantoII	Institution:	N/A
Serial Number:	V33896201821	Software:	BD FACSDiva 6.1.3
Input Device:	Carousel	Date:	07/17/2017 11:48 AM
Tube Loaded Manually:	Yes		
Cytometer Configuration:	Euroflow 3-laser, 8-color (4-2-2)		

Setup Beads

Bead Product: CST Setup Beads, Part #: 910723
Lot ID: 25720, Expiration Date: 06/30/2017
Bead Lot Information: Available

Detector Settings

Laser	Detector	Parameter	PMTV	New Target Value	Old Target Value	Bright Bead %Robust CV	Mid Bead Median Channel	Mid Bead % Robust CV	Dim Bead Median Channel	Dim Bead % Robust CV
Blue	FSC	FSC	614	125000	125000	1.25	129835	1.18	20638	3.4
Blue	F	SSC	546	125000	125000	2.27	126877	2.07	62799	1.33
Blue	E	FITC	550	23795	23355	2.29	1049	10.3	121	38.68
Blue	D	PE	546	29673	28848	1.82	1062	9.8	233	30.33
Blue	B	PerCP-Cy5-5	639	48943	47791	3.28	1402	17.36	219	48.23
Blue	A	PE-Cy7	699	44112	41358	5.37	686	37.78	72	132.09
Red	C	APC	600	54273	51316	2.66	3107	9.4	367	27.77
Red	A	APC-Cy7	584	54945	53225	3.26	1120	11.88	123	43.36
Violet	B	V450	472	15756	14473	3.22	742	8.53	84	44.64
Violet	A	V500	499	62569	59973	2.94	2754	5.92	198	23.8

Detector Settings (Continued)

Laser	Detector	Parameter	Linearity Min Channel	Linearity Max Channel	Slope	Intercept	Electronic Noise Robust SD	Qr	Br
Blue	FSC	FSC	N/A	N/A	0.0040	2.7	N/A	N/A	N/A
Blue	F	SSC	N/A	N/A	7.0462	-14.2	N/A	N/A	N/A
Blue	E	FITC	49	241274	7.3410	-15.7	23.5	0.0208	204
Blue	D	PE	23	241528	7.2664	-15.4	23.6	0.1712	322
Blue	B	PerCP-Cy5-5	197	234641	7.3578	-16.0	23.7	0.0097	179
Blue	A	PE-Cy7	86	231929	7.4337	-16.5	24.5	0.0105	22
Red	C	APC	89	237489	7.3820	-15.8	20.8	0.0207	95
Red	A	APC-Cy7	89	239140	7.3982	-15.7	20.6	0.005	1716
Violet	B	V450	135	243244	7.3487	-15.4	15.5	0.0507	2088
Violet	A	V500	109	240949	7.5771	-15.6	16.2	0.0151	777

Specifications

Violet Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Red Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)

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Laser Settings

Laser	Power (mW)	Power Spec. (mW)	Current (mA)	Current Spec. (mA)	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Violet	59.55	47.98 - 71.98	N/A	N/A	-31.43	-31.01	0.91
Blue	20.34	16.27 - 24.41	1.26	0.99 - 1.49	0.00	0.00	1.32
Red	16.24	13.27 - 19.91	N/A	N/A	31.16	31.58	1.17

Window Extension: 7.00
FSC Area Scaling Factor: 0.88

Threshold

Threshold (FSC): 12771

Fluidics

FACSFlow Pressure: 3.90 Sample Pressure: 3.70
Spec.: 3.80 - 4.00

Comments

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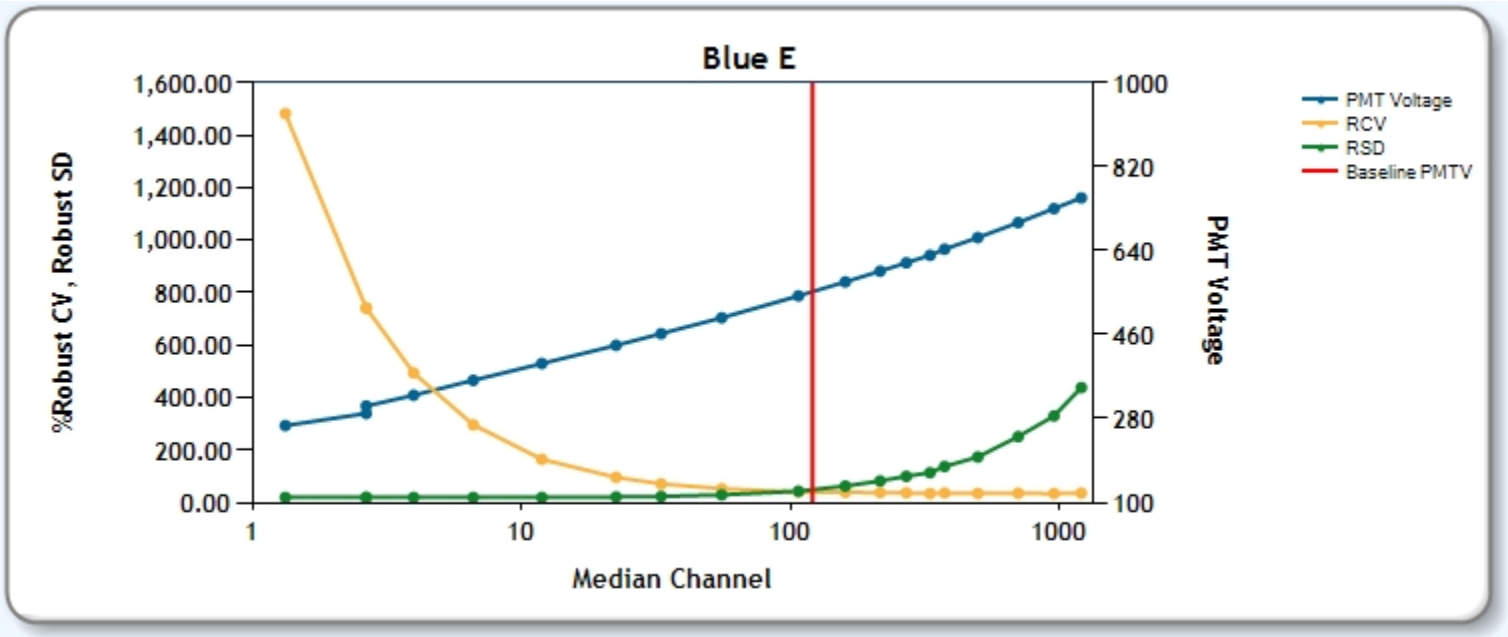
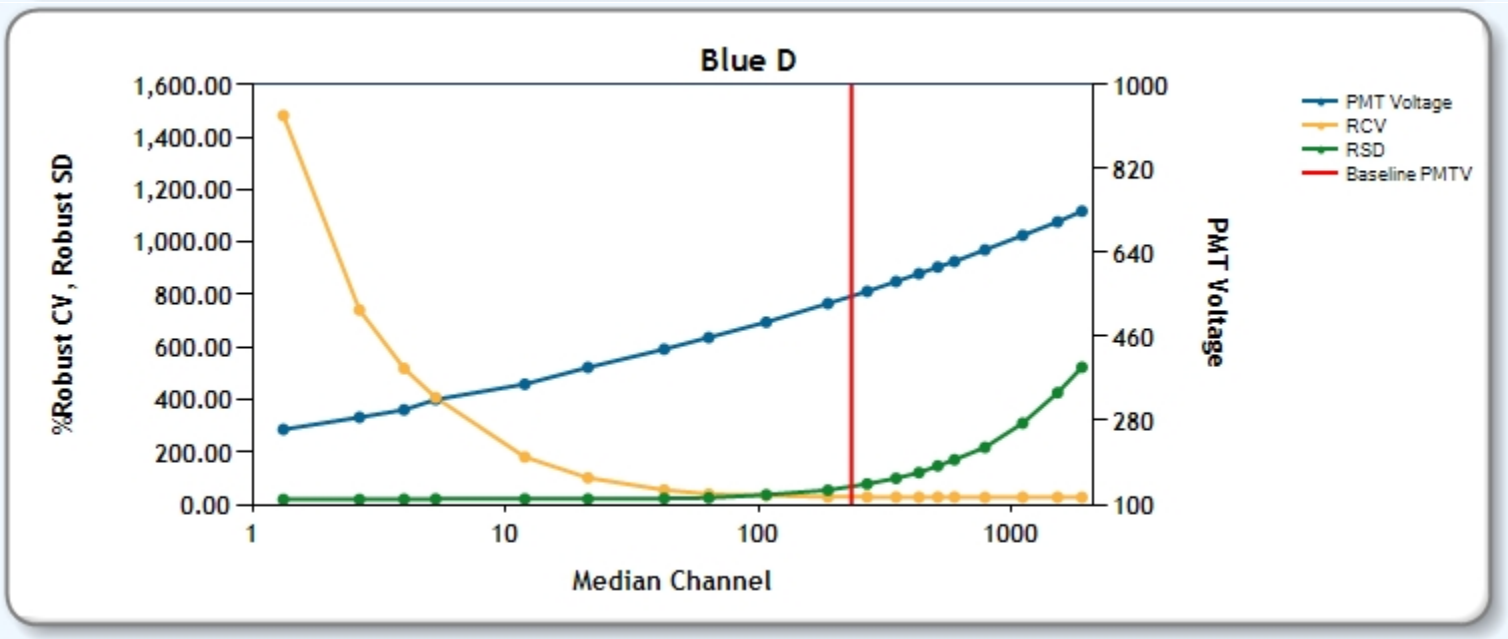
PMTV Optimization Results





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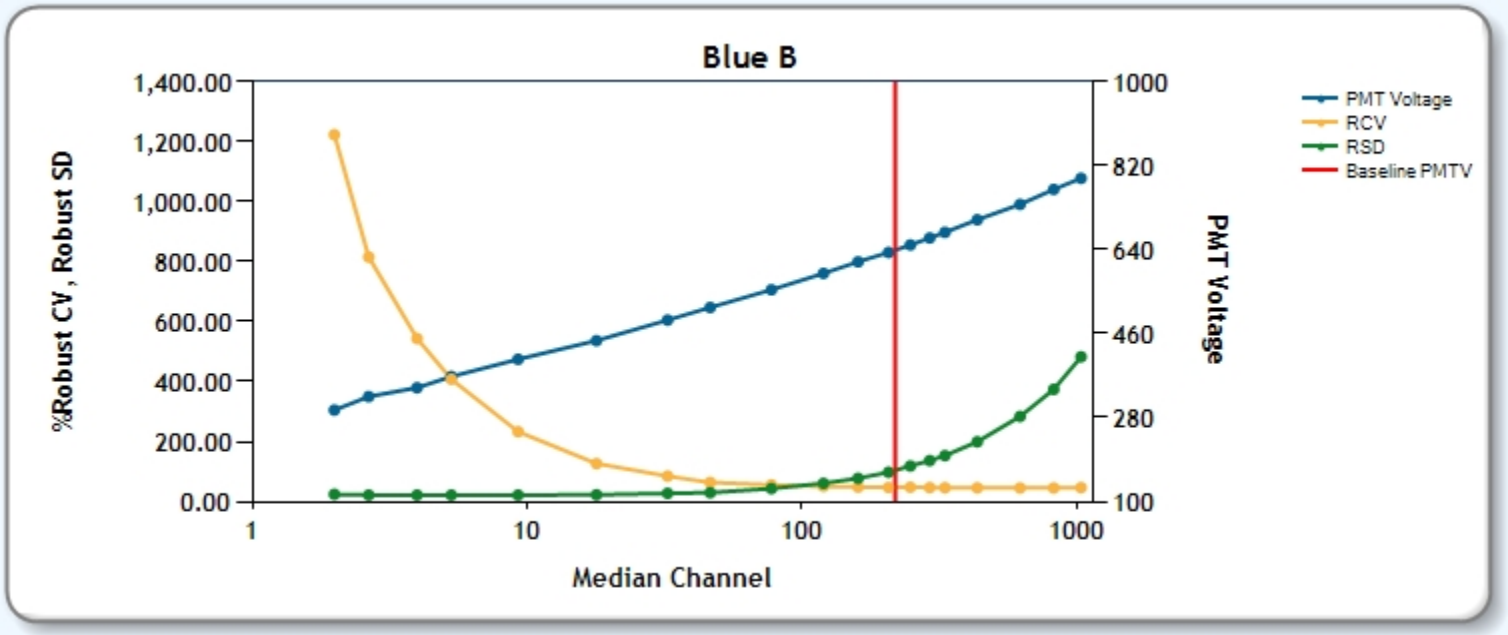

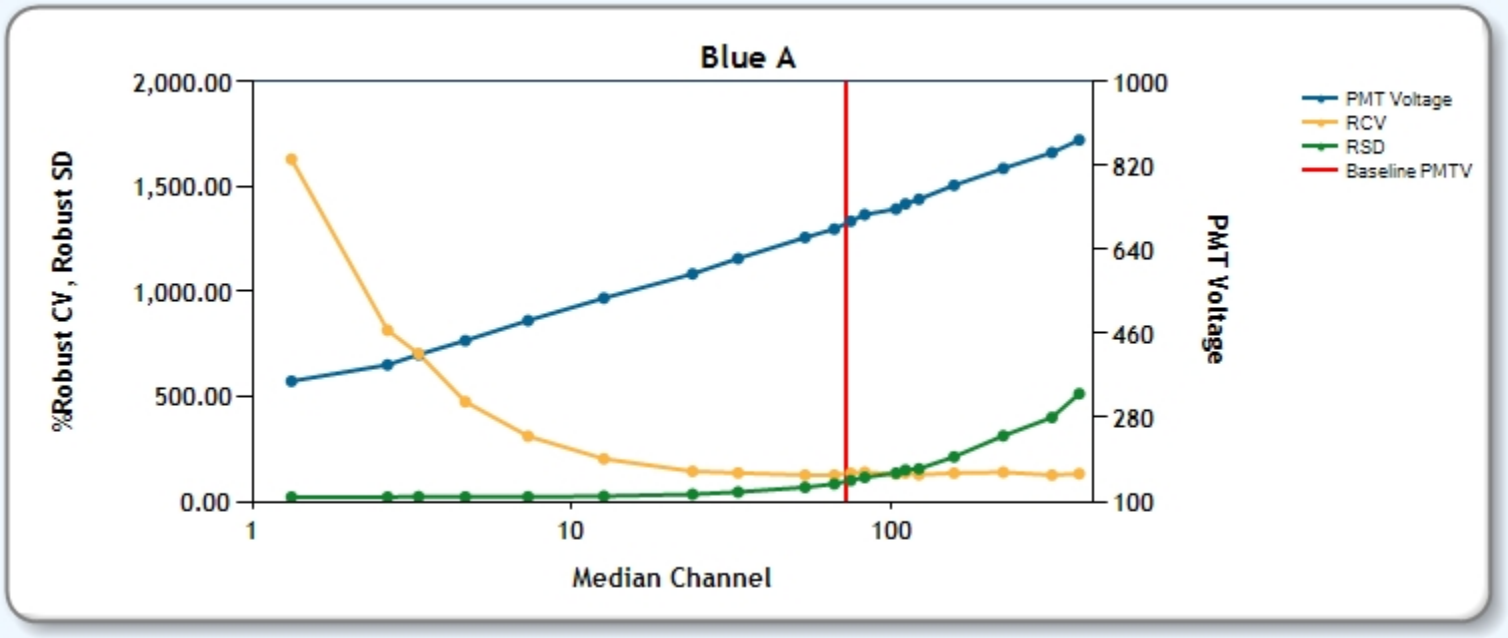

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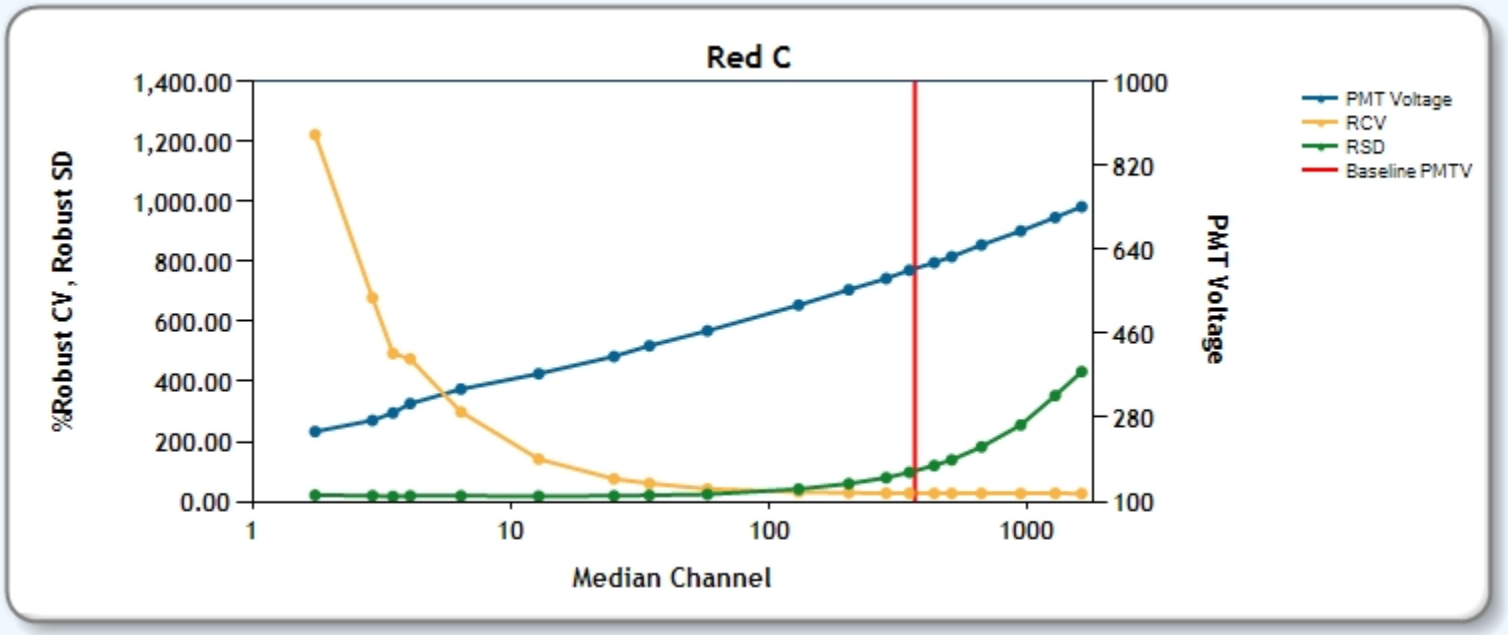

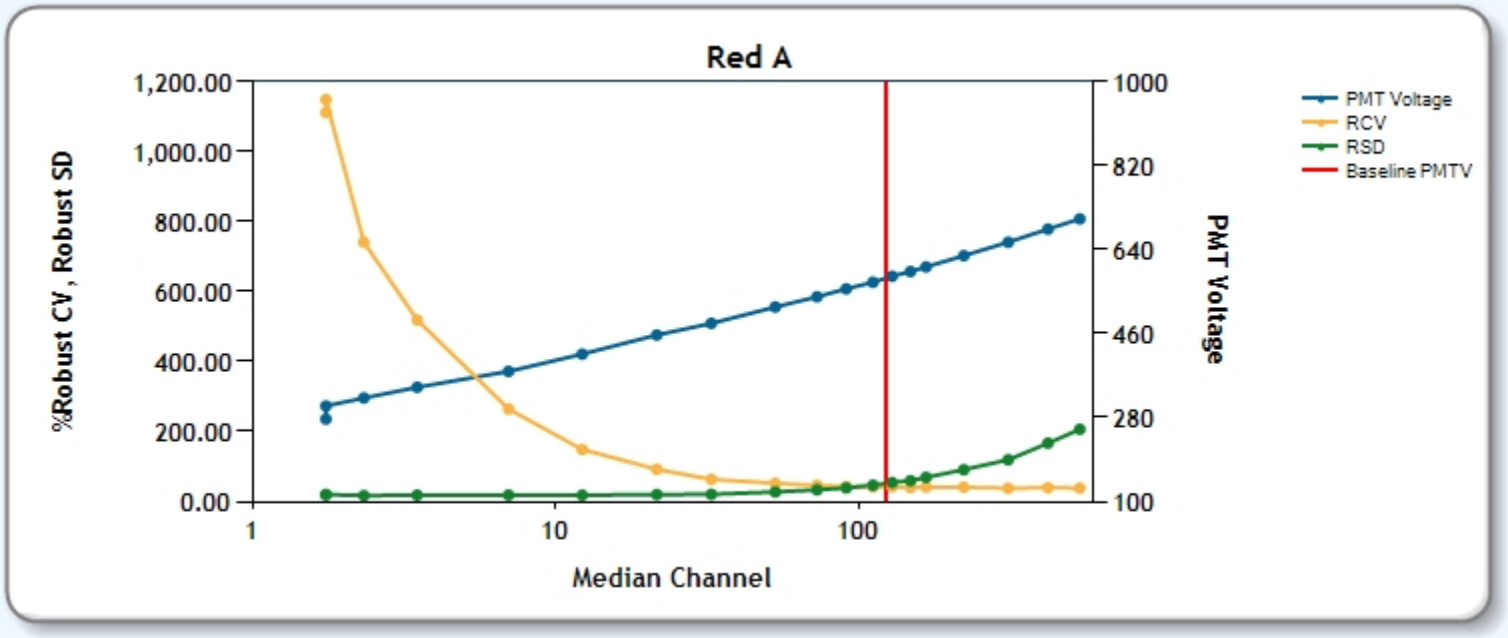

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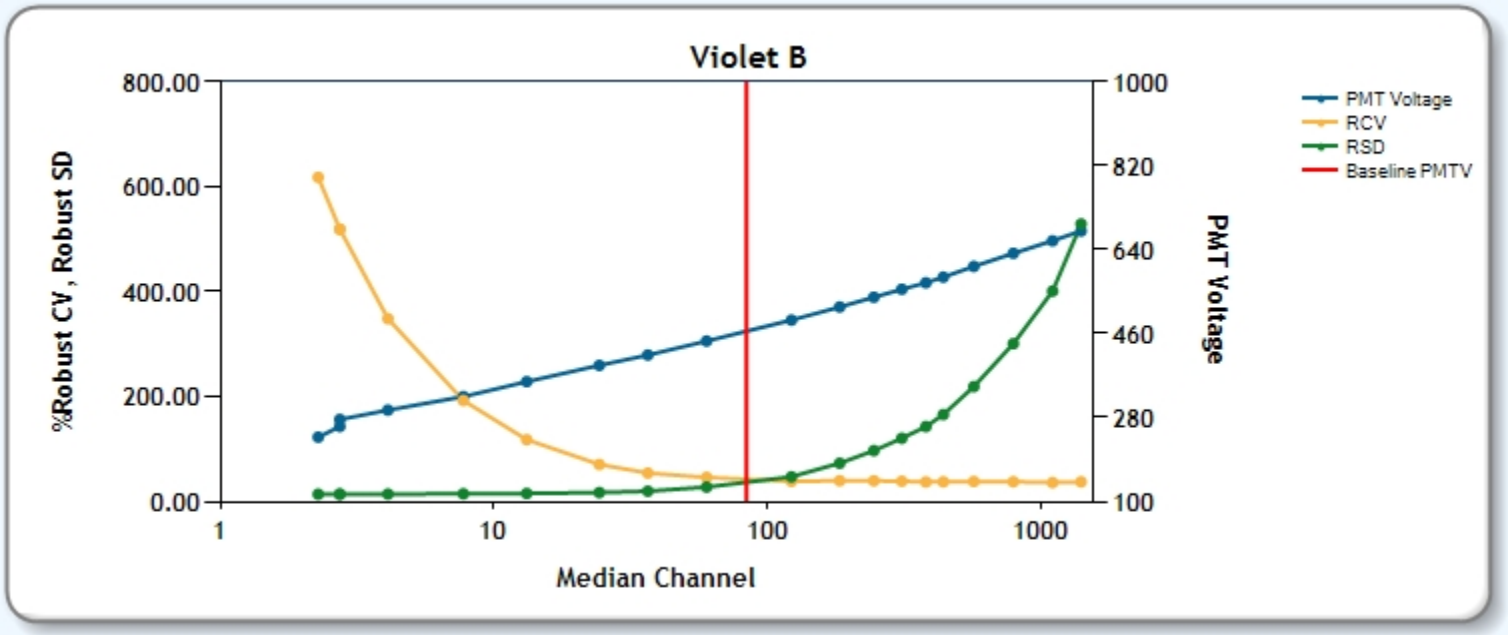

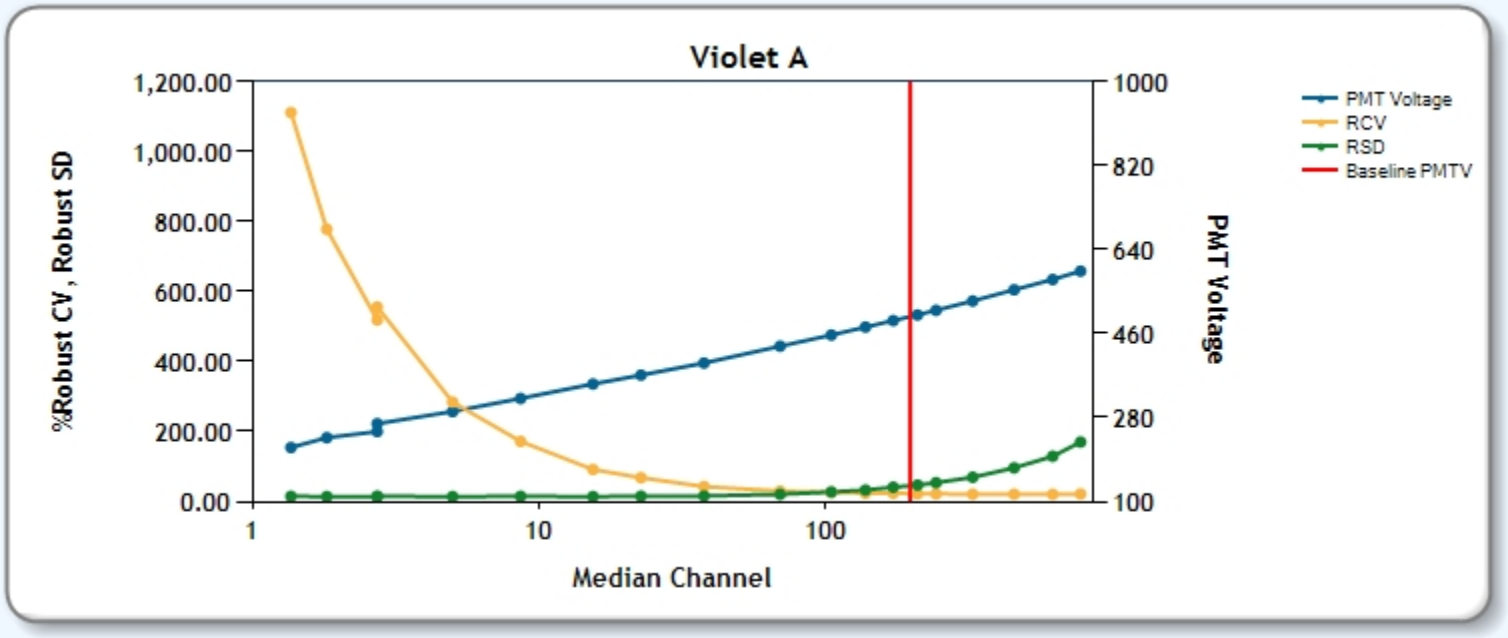

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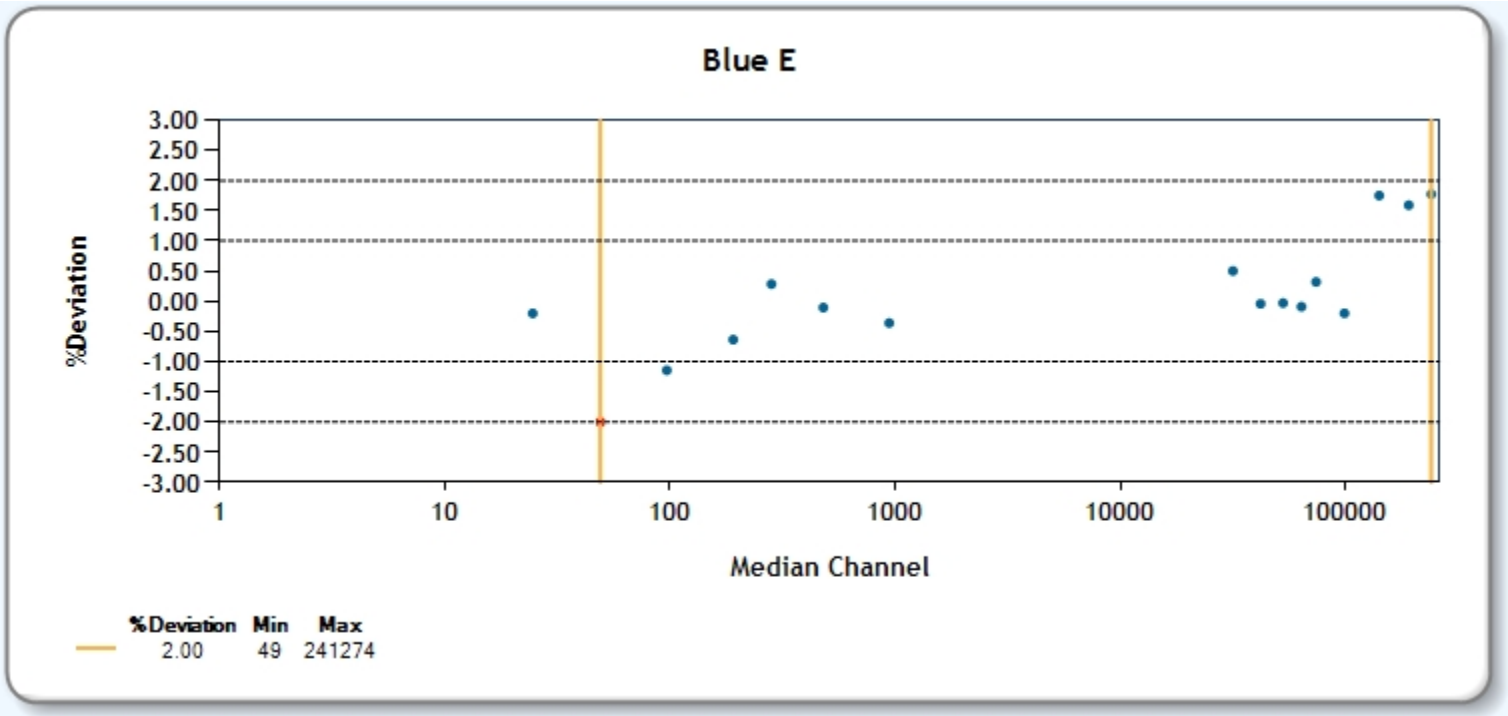
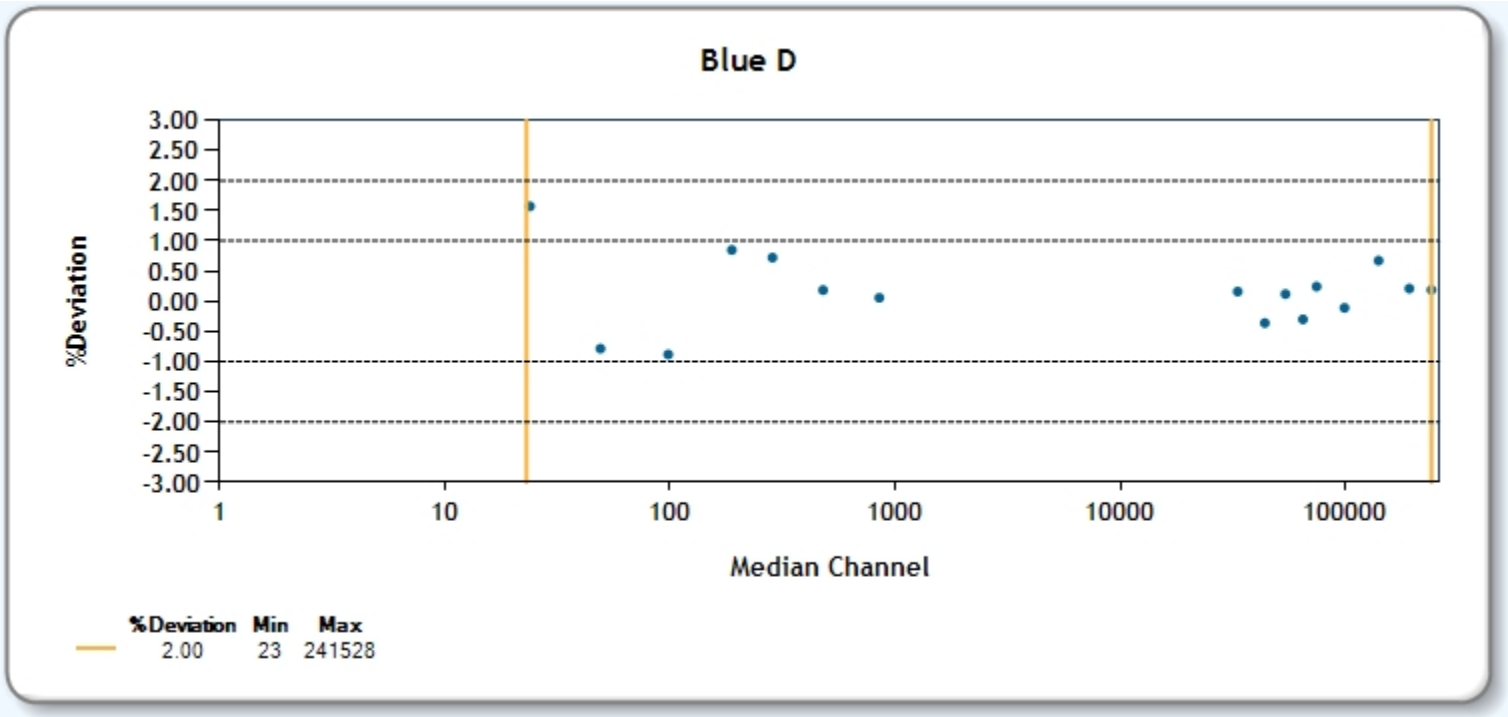
Linearity Results





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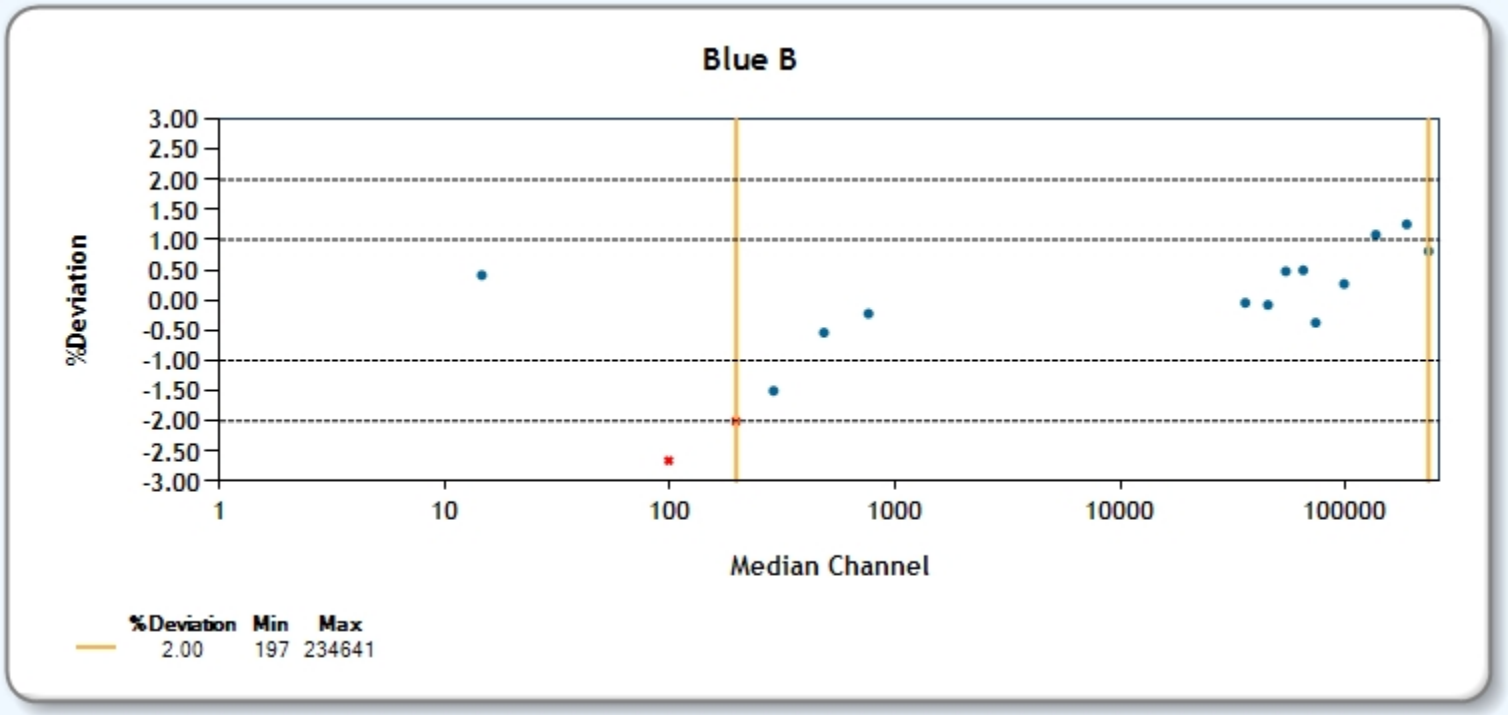

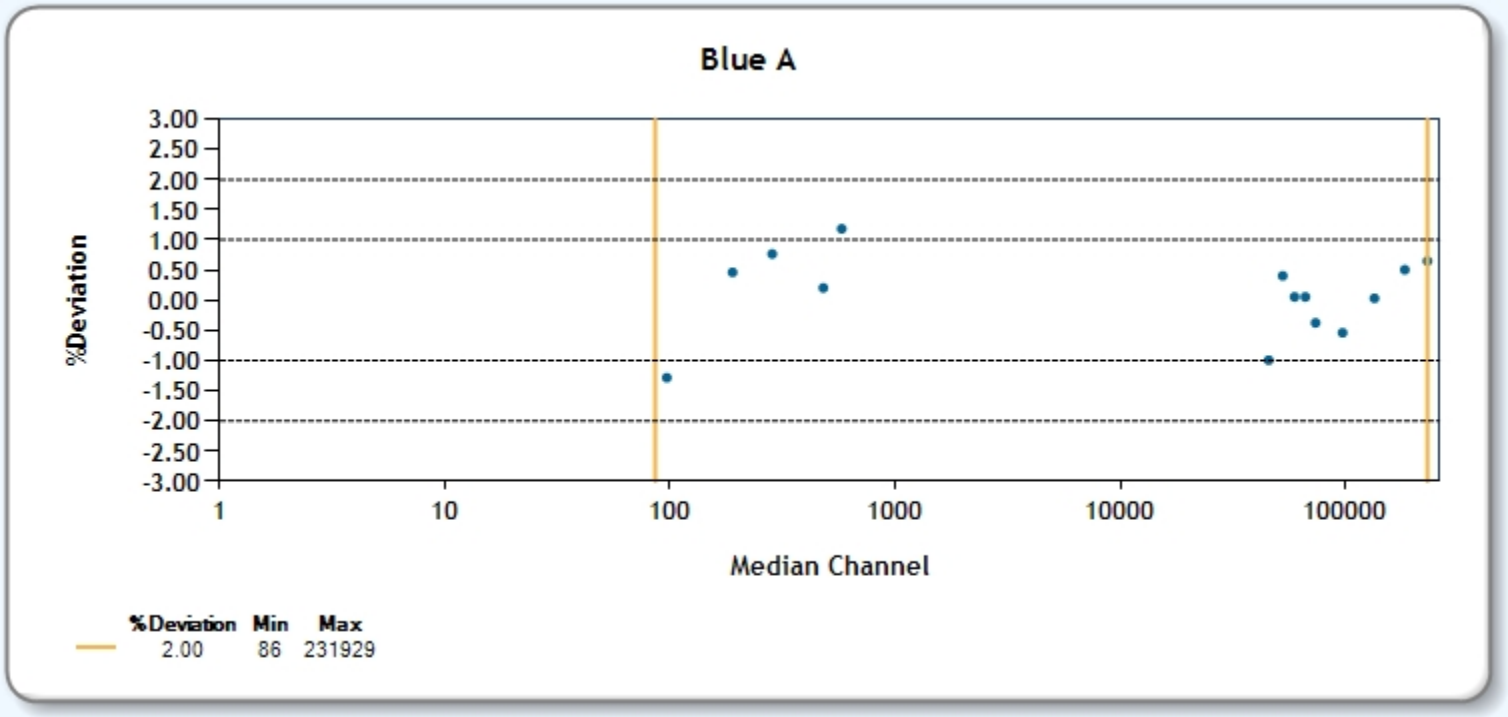

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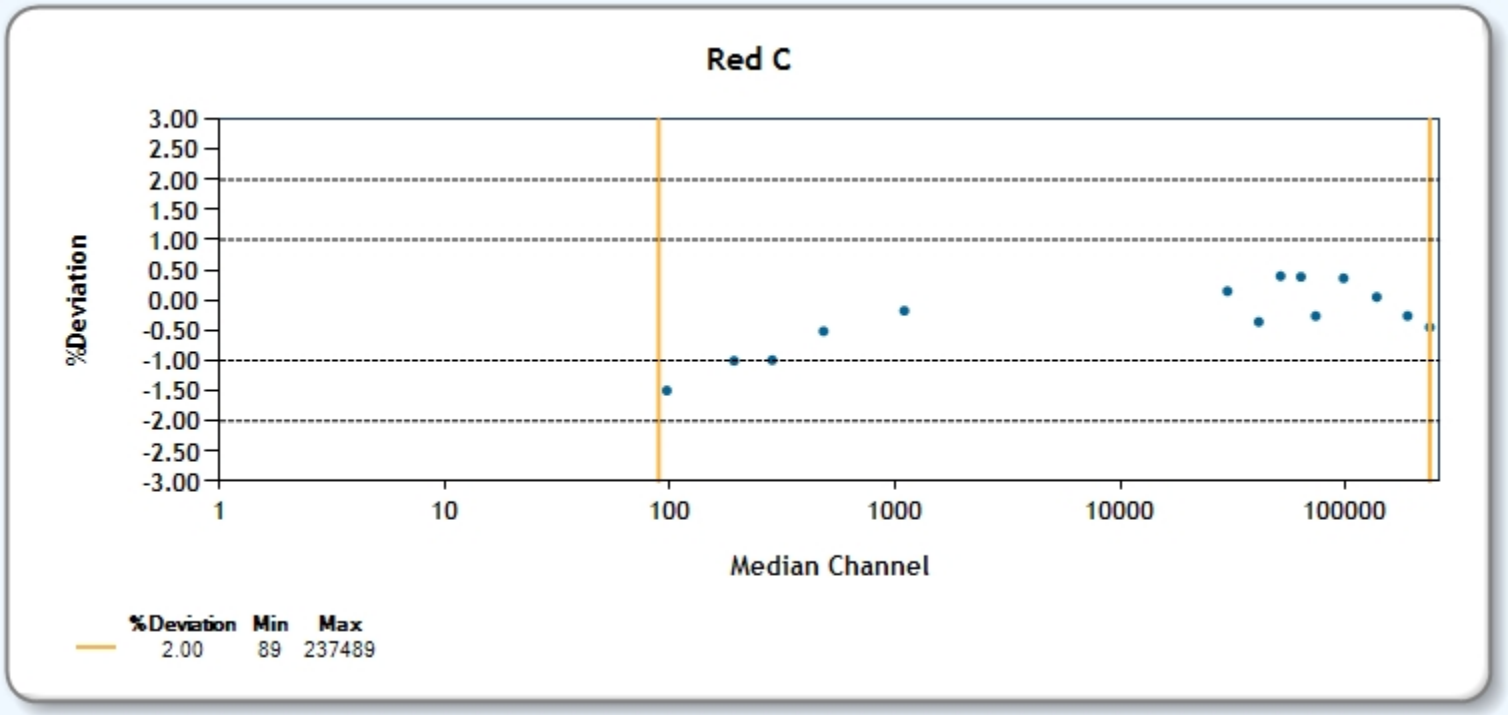

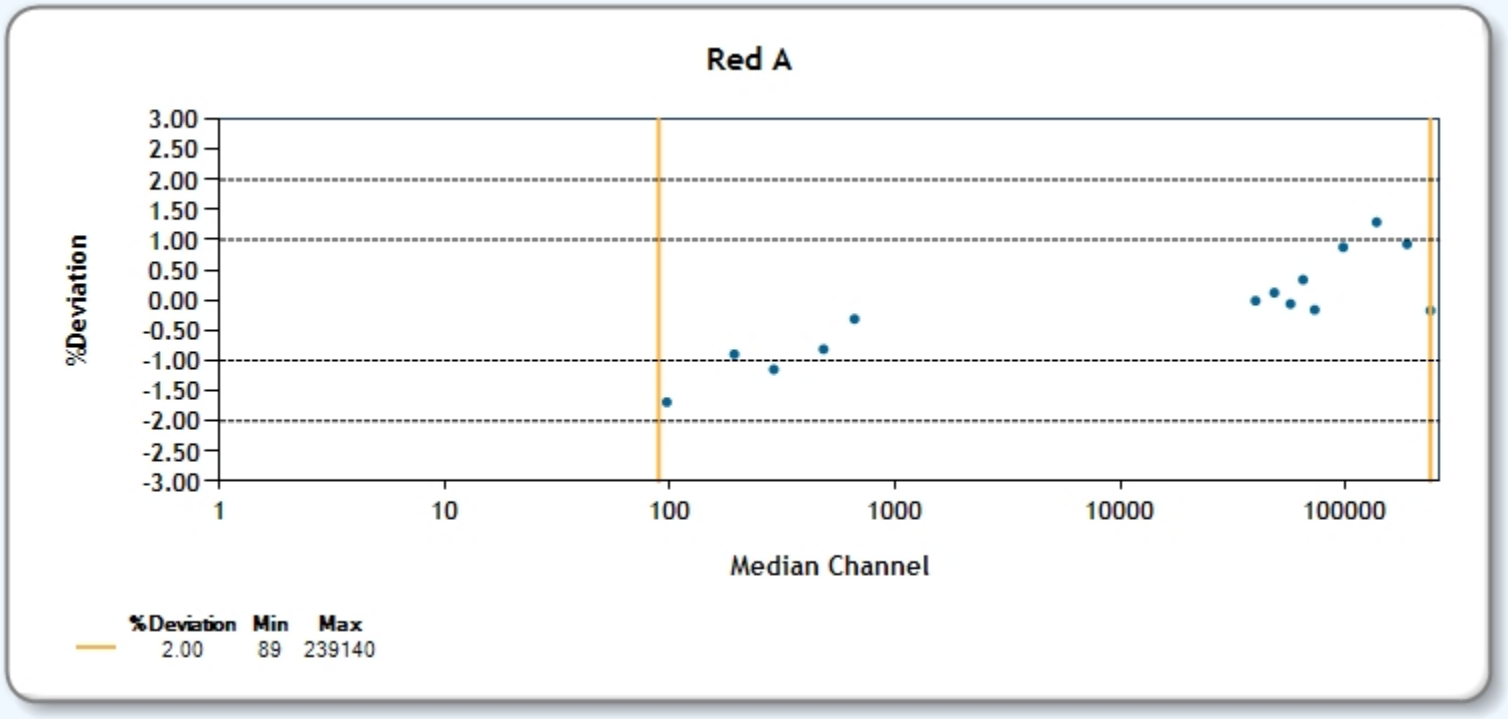

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